

ACS attested software engineer with a Bachelor's degree in Computer Engineering, offering over four years of experience in software development. Passionate, dedicated, and hard-working, with a good understanding of computer science and mathematics.

## Work Experience

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**Software Engineer II** **YoungInnovations Pvt. Ltd.** **Feb 2022 – Feb 2024**  
Kathmandu, Nepal

- Rebuilt the frontend for a bulk sms and voice messaging platform by separating two intertwined systems into modular codebases, improving maintainability and boosting development efficiency by 40%.
- Worked with different programming languages and libraries such as Node.js and Laravel to create API endpoints following design patterns and best practices.
- Involved in developing the frontend of different projects using HTML, CSS, JS, React.js, Next.js, etc.
- Integrated developed API to the frontend of the project that improved system interoperability, and reduced integration time by 35%.
- Documented project installation processes, technologies used, package versions, application architectures, API end-points, and created end-user manuals that helped to reduce boarding time from 2 weeks to 3 days.
- Interviewed possible candidates for interns and junior roles, and supervised hired ones to create a robust team and helped the company grow.
- Written test cases using testing frameworks like jest, mocha, phpunit, etc, which helped to reduce 50% of post-release bugs.
- Utilised micro-services architecture with Docker that resulted in a 40% improvement in deployment efficiency.

**Software Engineer I** **YoungInnovations Pvt. Ltd.** **Mar 2020 – Jan 2022**  
Kathmandu, Nepal

- Implemented Figma design system to reusable HTML, CSS and Tailwind design system, which helped the company save 50% time from setting up frontend for new projects.
- Utilised HTML, CSS and JS to create 150+ responsive pages for both in-house and client projects.
- Worked with data visualisation libraries such as D3.js and apexcharts to analyse data through various charts, matching designers' UI at the same time.
- Worked with leaflet.js to create interactive maps with location-based data visualisation, such as for census survey data.
- Organised and participated in weekly knowledge-sharing sessions.

**Software Engineering Intern** **Leapfrog Technology Inc.** **June 2019 - Sept 2019**  
Kathmandu, Nepal

- Designed pixel-perfect web pages and developed games using HTML, CSS, and JavaScript.
- Built full-stack applications with React, Node.js, and Postgres.
- Gained experience in UI/UX design, version control, project management tools and agile methodologies.
- Submitted weekly progress reports on learning milestones.

## Education

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- **M.Sc. Computer Science**, University of Wollongong, Liverpool Campus, NSW. **Graduating Dec 2025**
- **B.Sc. Computer Engineering**, Kathmandu University, Nepal. **2015-2019**

## Technologies and Languages

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- **Languages:** HTML, JavaScript, TypeScript, PHP, Python, C, C++
- **Frameworks and Libraries:** Node.js, Express.js, Laravel, React.js, Redux, Next.js, Vue.js, Vuex, Nuxt.js, Tailwind CSS, Bootstrap CSS, D3.js, apexcharts.js, jQuery, GSAP
- **Technologies:** MySQL, Postgres, MongoDB, Git, Figma, Docker, CI/CD, Jupyter Notebook, Anaconda, Linux OS, Unix OS
- **Other:** Microsoft Word, Microsoft PowerPoint, Microsoft Excel

## References

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